

Please type a plus sign (+) inside this box →

+

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

C549 U.S.
09/24/99
02/11/99

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Specification Total Pages [28]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 USC 113) Total Sheets [5]
4. Oath or Declaration Total Pages [2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference *(useable if Box 4b is checked)*
The entire disclosure of the prior application, from which a
copy of the oath or declaration is supplied under Box 4b,
is considered to be part of the disclosure of the
accompanying application and is hereby incorporated by
reference therein.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

6. Microfiche Computer Program *(Appendix)*
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy *(identical to computer copy)*
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & document(s))
9. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
10. English Translation Document *(if applicable)*
11. Information Disclosure Statement Copies of IDS
(IDS)/PTO-1449
Citations
12. Preliminary Amendment
13. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. *Small Entity Statement filed in prior application,
Statement(s) Status still proper and desired
(PTO/SB/09-12)
15. Certified Copy of Japanese Priority Document 10-080580
(if foreign priority is claimed)
16. Other:

*A new statement is required to be entitled to pay small entity fees,
except where one has been filed in a prior application and is being
relied upon.

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP) of prior application No. _____
Prior application information: Examiner: _____ Group/Art Unit: _____

18. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Labelor Correspondence address below

(Insert Customer No. or Attach bar code label here)

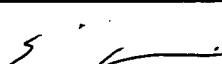
Name: Eric J. Robinson	State: VA	Zip Code: 22102
Firm: SIXBEY, FRIEDMAN, LEEDOM & FERGUSON, P.C.		
Address: 8180 Greensboro Drive, Suite 800		
City: McLean		
Country: U.S.A.	Telephone (703) 790-9110	FAX (703) 883-0370

Name: Eric J. Robinson Registration No. 38,285Signature  Date: February 11, 1999

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB-09-12.

FEE TRANSMITTAL <small>Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997. Small Entity payments <i>must</i> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.</small>		Complete If Known																																													
		Application Number																																													
		Filing Date		February 11, 1999																																											
		First Named Inventor		Kenichi SHIRAISHI et al.																																											
		Examiner Name																																													
		Group Art Unit																																													
TOTAL AMOUNT OF PAYMENT		\$800.00		Attorney Docket Number		0670-208																																									
METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																											
				3. ADDITIONAL FEES		Large Entity Small Entity																																									
1. [X] The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account No. 19-2380 Deposit Account Name: SIXBEY, FRIEDMAN, LEEDOM & FERGUSON, PC				Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid																																						
[X] Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 [] Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance				105	130	205	65	Surcharge-late filing fee or oath																																							
				127	50	227	25	Surcharge-late provisional filing fee or cover sheet																																							
2. [X] Payment Enclosed: [X] Check [] Money Order [] Other				139	130	139	130	Non-English specification																																							
				147	2,520	147	2,520	For filing a request for reexamination																																							
				112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																							
				113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																							
				115	110	215	55	Ext for reply within first month																																							
				116	380	216	190	Ext for reply within second mth																																							
				117	870	217	435	Ext for reply within third mth																																							
				118	1,360	218	680	Ext for reply within fourth mth																																							
				128	1,850	228	925	Ext for reply within fifth month																																							
				119	300	219	150	Notice of Appeal																																							
				120	300	220	150	Filing brief in support of appeal																																							
				121	260	221	130	Request for Oral Hearing																																							
				138	1,510	138	1,510	Petition to institute public use proceeding																																							
FEE CALCULATION				140	110	240	55	Petition to revive-unavoidable																																							
1. BASIC FILING FEE <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>760</td> <td>201</td> <td>380</td> <td>Utility filing fee</td> <td>[760]</td> </tr> <tr> <td>106</td> <td>310</td> <td>206</td> <td>155</td> <td>Design filing fee</td> <td>[]</td> </tr> <tr> <td>107</td> <td>480</td> <td>207</td> <td>240</td> <td>Plant filing fee</td> <td>[]</td> </tr> <tr> <td>108</td> <td>760</td> <td>208</td> <td>380</td> <td>Reissue filing fee</td> <td>[]</td> </tr> <tr> <td>114</td> <td>150</td> <td>214</td> <td>75</td> <td>Provisional filing fee</td> <td>[]</td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	101	760	201	380	Utility filing fee	[760]	106	310	206	155	Design filing fee	[]	107	480	207	240	Plant filing fee	[]	108	760	208	380	Reissue filing fee	[]	114	150	214	75	Provisional filing fee	[]	141	1,210	241	605	Petition to revive-unintentional	
Large Entity	Small Entity	Fee Description	Fee Paid																																												
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid																																												
101	760	201	380	Utility filing fee	[760]																																										
106	310	206	155	Design filing fee	[]																																										
107	480	207	240	Plant filing fee	[]																																										
108	760	208	380	Reissue filing fee	[]																																										
114	150	214	75	Provisional filing fee	[]																																										
SUBTOTAL (1) \$760.00				142	1,210	242	605	Utility issue fee (or reissue)																																							
				143	430	243	215	Design issue fee																																							
				144	580	244	290	Plant issue fee																																							
				122	130	122	130	Petitions to the Commissioner																																							
				123	50	123	50	Petitions related to provisional applications																																							
2. EXTRA CLAIM FEES <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from Below</th> <th>Fee Paid</th> </tr> <tr> <th>Code (\$)</th> <th>Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>- 20** =</td> <td>0</td> <td>X</td> </tr> <tr> <td>3</td> <td>- 3** =</td> <td>0</td> <td>X</td> </tr> <tr> <td>Multiple Dependent Claims</td> <td></td> <td></td> <td>=</td> </tr> </tbody> </table> <small>**or number previously paid, if greater. For Reissues, see below</small>				Total Claims	Extra Claims	Fee from Below	Fee Paid	Code (\$)	Code (\$)	Fee Description	Fee Paid	3	- 20** =	0	X	3	- 3** =	0	X	Multiple Dependent Claims			=	126	240	126	240	Submission of IDS																			
Total Claims	Extra Claims	Fee from Below	Fee Paid																																												
Code (\$)	Code (\$)	Fee Description	Fee Paid																																												
3	- 20** =	0	X																																												
3	- 3** =	0	X																																												
Multiple Dependent Claims			=																																												
				581	40	581	40	Recording each patent assignment per property (times number of properties)	\$40.00																																						
Large Entity Small Entity <table border="1"> <thead> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>102</td> <td>78</td> <td>202</td> <td>39</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>104</td> <td>280</td> <td>204</td> <td>130</td> <td>Multiple dependent claim</td> </tr> <tr> <td>108</td> <td>78</td> <td>209</td> <td>39</td> <td>**Reissue independent claims over original patent</td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>**Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table>				Fee Code (\$)	Fee Code (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	78	202	39	Independent claims in excess of 3	104	280	204	130	Multiple dependent claim	108	78	209	39	**Reissue independent claims over original patent	110	18	210	9	**Reissue claims in excess of 20 and over original patent	146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))											
Fee Code (\$)	Fee Code (\$)	Fee Description																																													
103	18	203	9	Claims in excess of 20																																											
102	78	202	39	Independent claims in excess of 3																																											
104	280	204	130	Multiple dependent claim																																											
108	78	209	39	**Reissue independent claims over original patent																																											
110	18	210	9	**Reissue claims in excess of 20 and over original patent																																											
				149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))																																							
								Other _____																																							
								Other _____																																							
								*Reduced by Basic Filing Fee Paid																																							
SUBTOTAL (2) - 0 -								SUBTOTAL (3) \$40.00																																							
SUBMITTED BY								Complete (if applicable)																																							
Typed or Printed Name		Eric J. Robinson						Reg. Number	38,285																																						
Signature					Date	February 11, 1999		Deposit Account User ID	19-2380																																						

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.